EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1205	(585/658,660-663).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:52
S2	307	(heterogeneous$2 with cataly$3) with dehydrogenat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:11
S3	25	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:16
S4	443	(heterogeneous$2 with cataly$3) same dehydrogenat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:30
S5	0	S1 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:30
S6	30	S1 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:32
S7	6	(dehydrogenation adj1 catalyst) with "zirconium oxide"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:34
S8	5	"6576804"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:44
S9	22	"4376225"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:05
S10	160603	oxygen with hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:53
S11	1205	(585/658,660-663).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:53

EAST Search History

S12	250	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:53
S13	63311	("product gas" or effluent or gas) with (recirculate$3 or recycl$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:15
S14	91	S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:37
S15	873	"recycle reactor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:37
S16	5296	dehydrogenat$3 with (paraffin$1 or alkane$1 or propane or butane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:23
S17	39	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:38
S18	13441	("product gas" or effluent) with (recirculate$3 or recycl$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:15
S19	140	S11 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:16
S20	66	S10 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:16
S21	7515	recycle with hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 12:56
S22	1207	(585/658,660-663).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 12:56
S23	127	S22 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 12:56

EAST Search History

S24	479241	oxygen and (steam or water)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 12:57
S25	94	S23 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 12:57
S26	6084	olefin$1 with (oxidation or amoxidation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 14:08
S27	0	"dehydrogenated hydrocarbon$1" with (oxidation or amoxidation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 14:09
S28	36	"dehydrogenated hydrocarbon" with (oxidation or amoxidation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/08 14:09
S29	2	"6844290".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/09 10:05
S30	2	"5324880".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:12
S31	5459	dehydrogenat$3 with (paraffin$1 or alkane$1 or propane or butane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:23
S32	13864	("product gas" or effluent) with (recirculate$3 or recycl$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:23
S33	903	S31 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:24
S34	1218	(585/658,660-663).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:24
S35	127	S34 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:24

S36	95	S35 and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 09:24

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	49	((dehydrogenation) and (gas phase) and (oxygen) and (hydrogen) and (recirculat$3 or recycl$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 12:24
L2	21	((dehydrogenation) and (gas phase) and (oxygen) and (hydrogen) and (recirculat$3 or recycl$3) and (partial)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 12:25
L3	18	((dehydrogenation) and (gas phase) and (oxygen) and (hydrogen) and (recirculat$3 or recycl$3) and (partial) and (water or steam)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/22 12:27